

U.S. Methyl Bromide Consumption by End Use

United States Methyl Bromide Consumption by End Use (1997)

End Use	Percentage of Total	Consumption (metric tons)	Consumption (lbs.)
Pre-plant	72%	17,222	37,956,284
Structural	5%	1,268	2,795,510
Post Harvest	10%	2,283	5,031,380
Chemical Intermediates ¹	13%	2,984	6,576,736
Total Gross U.S. Consumption	100%	23,757	52,359,911

¹ As dictated by the EPA's Allowance and Post Phase-out Tracking System (EPA 2001), chemical intermediates are not included in the net United States methyl bromide consumption.

Source: EPA 1999, EPA 2001, Schneider and Vick 1999.

United States Methyl Bromide Consumption by End Use (1997)
Agricultural Uses Only

End Use	Percentage of Total ¹	Consumption (metric tons)	Consumption (lbs.)
Pre-plant			
Small Fruits & Vegetables	57%	11,914	26,258,678
Orchards & Vineyards	13%	2,659	5,860,240
Nursery	13%	2,649	5,837,366
Subtotal	83%	17,222	37,956,284
Structural	6%	1,268	2,795,510
Postharvest			
Perishable Commodities	6%	1,268	2,795,510
Durable Commodities	4%	761	1,676,230
Quarantine Commodities	1%	254	559,640
Subtotal	11%	2,283	5,031,380
Total Net U.S. Consumption¹	100%	20,773	45,783,175

¹ Does not include chemical intermediates. As dictated by the EPA's Allowance and Post Phase-out Tracking System (EPA 2001), chemical intermediates are not included in the net United States methyl bromide consumption.

Source: EPA 1999, Schneider and Vick 1999.

U.S. Methyl Bromide Consumption by End Use (cont.)

Methyl Bromide Use in the United States

- Major pre-plant uses are divided into small fruits and vegetables, orchards and vineyards, and nursery crops. In 1997, pre-plant use of methyl bromide comprised 83 percent of consumption while structural and post harvest use 6 percent and 11 percent, respectively.
- Major users of methyl bromide include California, Florida, North Carolina, Georgia, and South Carolina.
- Combined methyl bromide use in California and Florida accounts for more than 50 percent of all pre-plant uses of methyl bromide in the United States.
- In 1997, methyl bromide consumption for structural fumigation was approximately 1,300 metric tons. Methyl bromide is primarily used to treat crop storage areas, food processing plants, warehouses, mills, grain elevators, and, to some extent, apartments and homes.
- Methyl bromide use for commodity fumigation was approximately 2,283 metric tons for 1997. As a commodity fumigant, methyl bromide is used primarily to treat perishable commodities (6 percent of total U.S. consumption). Methyl bromide is used to treat a variety of commodities at major ports in San Diego, California; Galveston, Texas; Jacksonville and Miami, Florida; Baltimore, Maryland; Norfolk, Virginia; and at points along major U.S. rivers (e.g., Mississippi, Missouri, and Ohio).
- Crop usage and total pre-plant methyl bromide consumption for the United States for 1997 is based on NCFAP (2001), CADPR (1996 and 1997), CADPR (1997), NASS (2001), EPA (1999), and Schneider and Vick (1999).

